Need suggestion for Applying KINIROS 2??

Posted by anusara - 2009/08/14 11:04

Dear Admin

My name is Anusara Intama. I am studying in Faculty of Forestry , my major is Watershed and Environmental Management conservation. My thesis research is “Application of KINEROS2 Model for Estimating Sediment Yield in Maesa Watershed”. The KINEROS2 model results were found not feasible to estimate amount and shape but it can estimate peak sediment yield that however occurs before events. Even though, I have calibrated almost all parameters set for each the event such as Ks, Watershed characteristic, Soil parameter etc. as:-

Case 1 : Increasing Ks, other Pararmeter fixed , Results showed reduction in channel flow and sediment.

Case 2 : Reducing Manning roughness coefficient, other Pararmeter fixed , Results showed increase in channel flow and sediment.

In both cases, the simulated runoff and sediment were not coincide with the observed values as shows in figures belows:

result.emf
http://www.tempf.com/getfile.php?id=83368&key=4a85371de66cb

data.zip
http://www.tempf.com/getfile.php?id=83367&key=4a85371de66cb

I hope your suggestion can help me to complete my thesis.

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Re:Need suggestion for Applying KINIROS 2??

Posted by lainie - 2009/08/18 00:10

Hi Anusara,

I am not able to download your files. Could you please send them again as attachments (zip files).

Thank you,
Lainie

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Re:Need suggestion for Applying KINIROS 2??

Posted by anusara - 2009/08/24 05:30

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link data.zip:
http://www.tempf.com/getfile.php?id=83367&key=4a85371de66cb

link figure result:
http://www.tempf.com/getfile.php?id=83368&key=4a85371de66cb

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